

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Gariepy
 Application No.: 09/601,644
 Filed: 12/11/2000
 Title: Cytotoxic Heteromeric Protein Combinatorial Libraries
 Attorney Docket No.: MMC.P-001
 Customer No.: 021121

Group Art Unit: 1639
 Examiner: M. L. Shibuya
 Confirmation No: 7797

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Commissioner for Patents
 PO Box 1450
 Alexandria, VA 22313-1450

AMENDMENT

Dear Sir:

In response to the Office Action of December 3, 2004, please amend this application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendment to the Claims are reflected in the listing of claims which begins on page 5 of this paper.

Remarks/Arguments begin on page 11 of this paper.

I hereby certify that this paper and any attachments named herein are transmitted to the United States Patent and Trademark Office, Fax number: 703-872-9306 on March 3, 2005

Marina T. Larson
 Marina T. Larson, PTO Reg. No. 32,038

March 3, 2005
 Date of Signature

Page 1 of 14

REMARKS

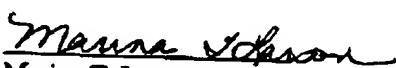
In response to the examiner's request during a telephone status inquiry of even date, Applicants enclose a clean copy of the claims as currently pending after the Preliminary Amendment filed with the application. In addition, Applicants request entry of an additional amendment adding claims 34-41 as now presented.

The Examiner's assistance in moving this case into an active status for examination is appreciated.

The present amendment is made to add claims directed to combinatorial protein libraries, and to a method for making nucleic acid sequences or pools of nucleic acid sequences encoding cytotoxic mutant proteins. The first amendment is supported in the application, *inter alia*, at Page 9, lines 1-4 and Page 14, lines 24-26. With respect to the second amendment, the nucleic acid sequences are an intermediate on the way to the protein.

The Commissioner is authorized to charge the fee for one additional independent claim and 8 additional claims as a small entity to Deposit Account No. 15-0610.

Respectfully submitted,


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Page 8